**WHAT IS CLAIMED IS:**

1. A mobile computing system comprising:

a personal computer architecture system (PC);

a personal digital assistant architecture system (PDA);

a switch;

a first bus connecting the PC to the switch and the PDA to the switch, whereby the switch isolates control of the mobile computing system to either the PC or the PDA; and

a communication device connecting the PC and the PDA wherein the PDA or the PC readily is able to interface to the communication device.

2. The mobile computing system of claim 1 further comprising:

a set of peripheral input output devices selectively controllable by either the PC or the PDA system.

3. The mobile computing system of claim 1 further comprising:

a second bus that connects the PC to the communication device; and a third bus that connects the PDA to the communication device whereby the PC and the PDA are readily able to interface to the communication device.

4. The mobile computing system of claim 2 further comprising:

a second bus that connects the PC to the communication device; and

a third bus that connects the PDA, and the set of peripheral input output devices to the communication device, whereby the PC interfaces to the communication device and the set of peripheral input output devices when active, and the PDA interfaces to the communication device and the set of peripheral input output devices when active.

5. The mobile computing system of claim 3 wherein the PDA is a slave device and the PC is a master device along the third bus.

6. The mobile computing system of claim 4 wherein the PDA is a slave device and the PC is a master device along the third bus.

7. The mobile computing system of claim 3 wherein the second bus is a peripheral component interconnect (PCI) bus and the third bus is a low pin count (LPC) bus.

8. The mobile computing system of claim 4 wherein the second bus is a peripheral component interconnect (PCI) bus and the third bus is a low pin count (LPC) bus.

9. The mobile computing system of claim 1 wherein the PDA is integrated into a mini PCI card.

10. The mobile computing system of claim 1 wherein the PDA is integrated into a PC system board.

11. The mobile computing system of claim 1 wherein the PDA and the communication device are integrated into a mini PCI card.

12. The mobile computing system of claim 1 wherein the PDA and the communication device are integrated into a PC system board.

13. A method of providing communication access in a dual PC and PDA computing system comprising of:

connecting a PC system to a communication device;

connecting a PDA system to the communication device;

isolating control of the communication device to the PDA when the PC is inactive; and

isolating control of the communication device to the PC when the PDA is inactive.

14. The method of claim 13 further comprising:

providing information from the PDA to the PC when the PC is active.

15. The method of claim 13 wherein the communication device is a wireless communication technology device.

16. The method of claim 13 further comprising:

connecting the PC system and the PDA system to a common set of peripheral input output devices; and

providing control of the peripheral input output devices to the PC system when the PC system is in control and the PDA system when the PDA is in control.